COVER Train LAN Installation Guide

December 1, 2003

HQ Air Force Civil Engineer Support Agency
Providing the best tools, practices, and professional support
to maximize Air Force Civil Engineer capabilities
in base and contingency operations

CONTENTS

THIS SECTION NOT USED

Chapter 1

COVER Train Overview

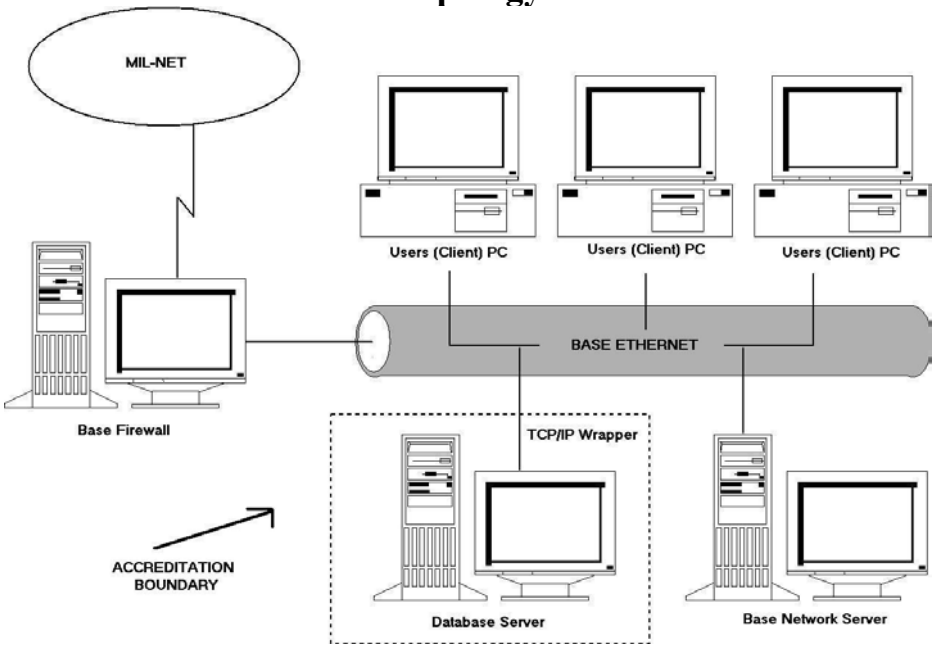
1.1. What is COVER Train? COVER Train (Contingency Operations and Vocational Engineer Review Training) is a training management and distribution system. The train analogy was chosen for its simplicity and familiarity as a cargo delivery vehicle. This concept facilitates training management for all 13 CE AFSCs. This guide will provide detailed steps and instruction to facilitate the successful implementation of COVER Train on a Local Area Network (LAN).

1.2. What are COVER Train's capabilities? This product will literally "cover" CE training. This program was developed in accordance to AFI 36-2201 and is designed to have the capability and capacity to deliver training to anyone, anywhere, at anytime. Nonetheless, COVER Train does not, and **will not**, **replace "hands-on" training**.

The COVER Train system was developed for AFCESA for implementation at bases throughout the world. Its objective is to provide the means for the Air Force to monitor and track the upgrade training of enlisted Civil Engineers. The COVER Train assets consist of hardware and software from standard Air Force and DoD contracts. COVER Train utilizes either an ORACLE Relational Database Management System (RDBMS) or a Microsoft SQL Server 2000 RDBMS, associated Structured Query Language (SQL) facilities, and support tools.

To access COVER Train, PC workstations (note: it is up to each local facility to provide the operating systems for end users) operate under Microsoft Windows 95, Windows NT 4.0 Service Pack (SP) 6, Windows ME, Windows XP, or Windows 2000, and run ORACLE applications with a suite of supporting ORACLE tools to access the central ORACLE database or Microsoft applications to access the central SQL Server database or Access 2000 database. COVER Train users interface with COVER Train from the client workstations. To view a graphical representation of the client-server architecture and the network communications connectivity, refer to Exhibit 1-1, COVER Train Network Topology.Figure 1-1 depicts the COVER Train LAN topology and the accreditation boundary within which COVER Train is certified to operate. COVER Train 2.0 is authorized to operate on the LAN under CoN number CoN1-SCD01431-281003-00-0.

Figure 1-1: COVER Train LAN topology and Accreditation Boundary



Chapter 2

Server Requirements and Installation

2.1. Server System Requirements

The COVER Train database server configuration for each facility is to be determined at the time of installation based upon availability. The COVER Train LAN installation at a minimum must have Access 2000 (located on a network share) or a database server hosting ORACLE 8i, ORACLE 9i or Microsoft SQL Server 2000.

COVER Train client workstations at a minimum must operate under Microsoft Windows 95, Windows 98, Windows NT 4.0 SP 6, Windows ME, Windows XP, or Windows 2000 and run a suite of supporting ORACLE client tools to facilitate access to the ORACLE RDBMS or use Microsoft Data Access Components (MDAC) to access either the Access 2000 or the Microsoft SQL Server 2000 RDBMS.

NOTE: The following are minimum requirements; **more robust systems are recommended** for this application.

Database Server Software

The database server should be configured with one of the following databases prior to beginning the installation procedure:

Database Configuration	Description
Option 1 Microsoft Access 2000	Nothing required (NOTE: Access is limited to 50 simultaneous users that may be connected to the database at one time. The Access database may "bog" down at times when high activity on the database is occurring.)
Option 2 ORACLE 8i/9i	Oracle 8/8i or later version must be installed on a local server. Client computers **must** have **Oracle OLE DB 8.1.7.30** installed. You must have the Oracle database network configured with the clients and have the User ID, password and data source ready prior to beginning the installation procedure. User operating the installation must have permission to write to tables in order to create database.
Option 3 Microsoft SQL Server 2000	Microsoft SQL Server 2000 or later version installed on a local server. You must have the SQL Server database network configured with the clients and have the User ID, password, initial catalog and data source ready prior to beginning the installation procedure. User operating the installation must have permission to write to tables in order to create database.

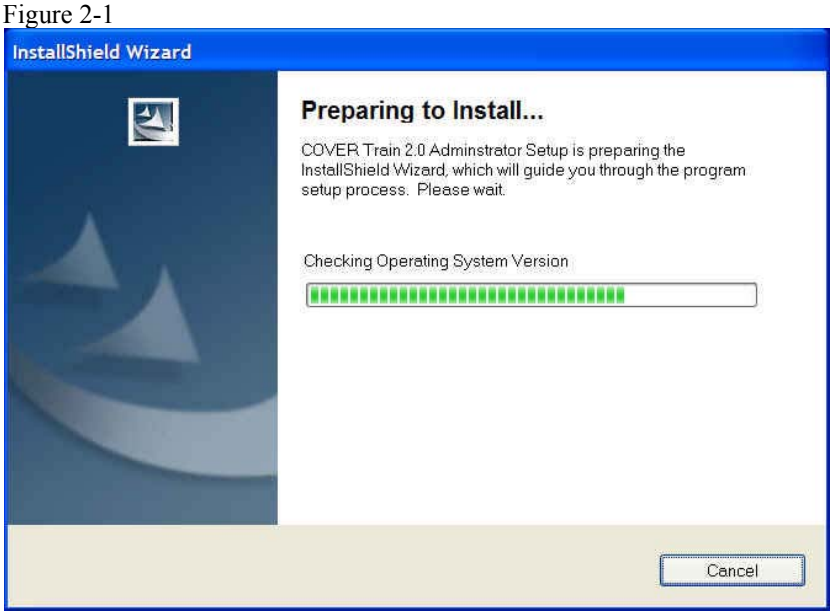
Exhibit 3.1-2: Database Server Minimum Software Requirements

2.2. Installing COVER Train to the LAN

2.2.1. Insert the Administrator CD into your computer's CD-ROM drive and wait a few seconds for the InstallShield Wizard to launch. This will prepare your computer for installation.

NOTE: You may be prompted to restart your machine here and at the end of the installation process.

Figure 2-1

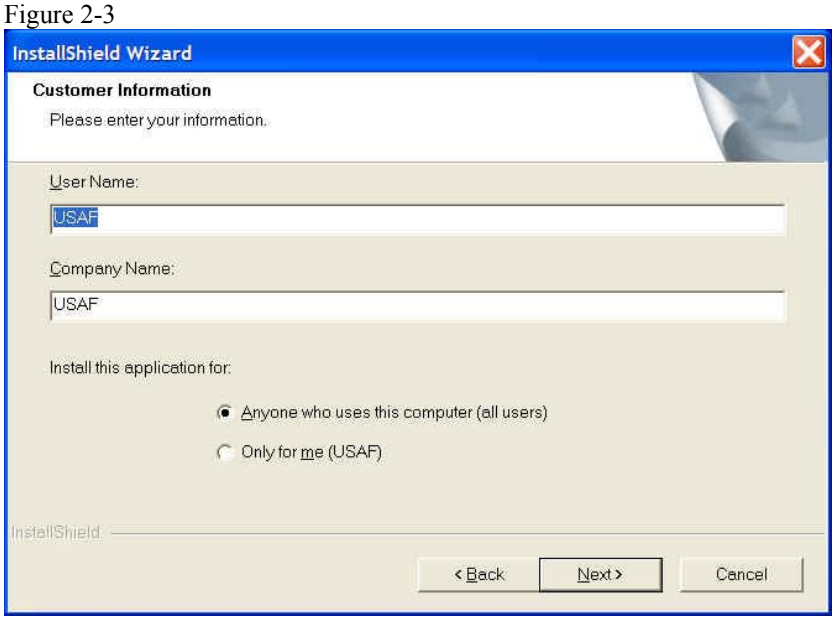


2.2.2. Click **Next** to begin installing COVER Train.

Figure 2-2

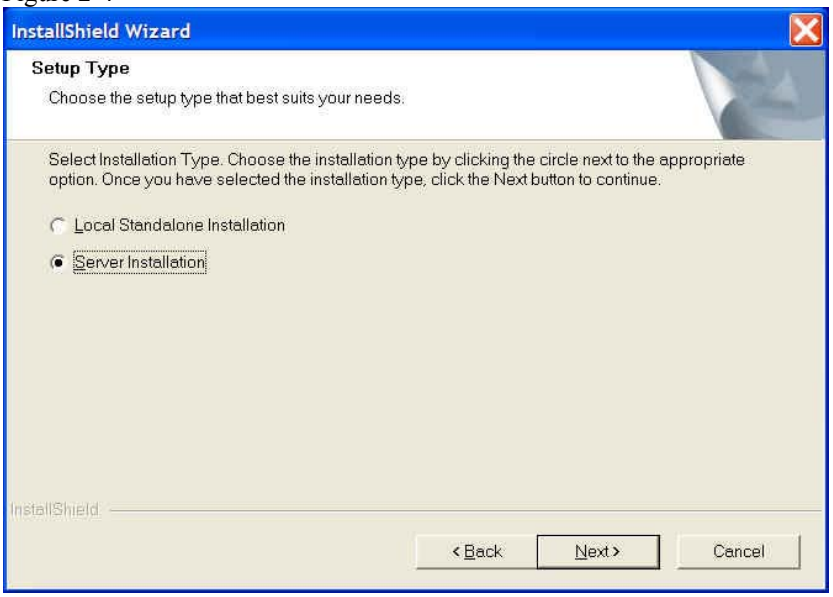
2.2.3. Enter your information, then click **Next**.

Figure 2-3



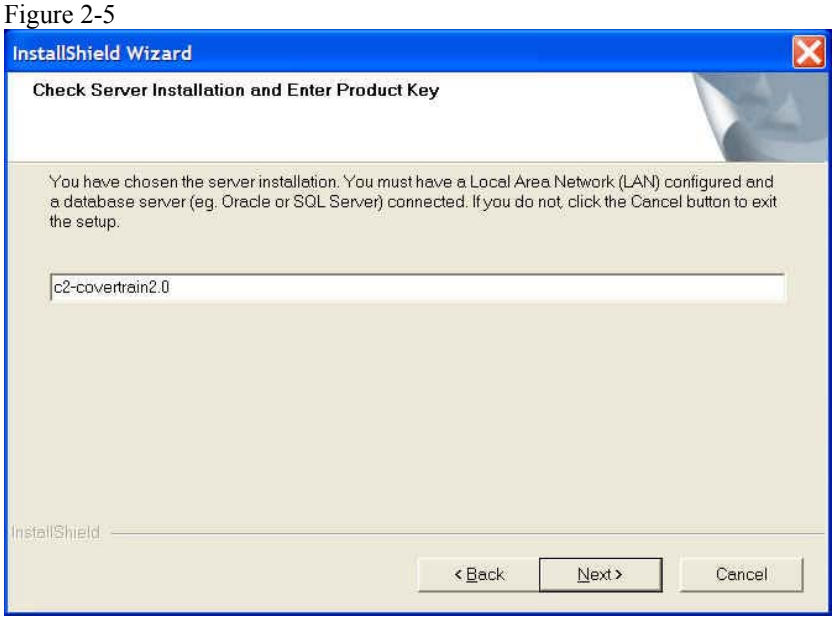
2.2.4. Select the Server Installation option, then click **Next**.

Figure 2-4



2.2.5. Enter the product installation key: “c2-covertrain2.0”, then click **Next**.

Figure 2-5



2.2.6. Edit or accept the install destination, then click **Next.**

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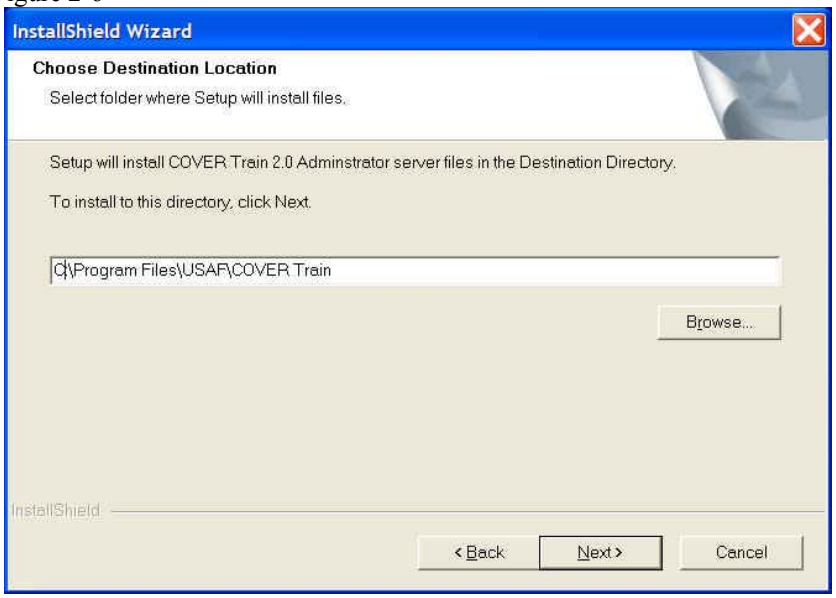
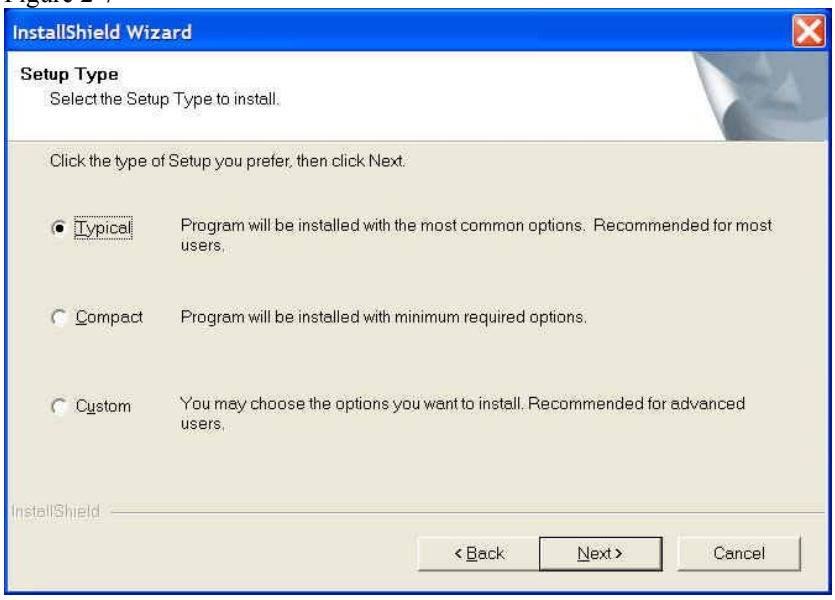
Figure 2-6



2.2.7. Select the desired installation type (Typical, Compact, or Custom), then click **Next**.

Figure 2-7



2.2.8 Verify your settings, then click **Next** to begin installing COVER Train to the LAN.

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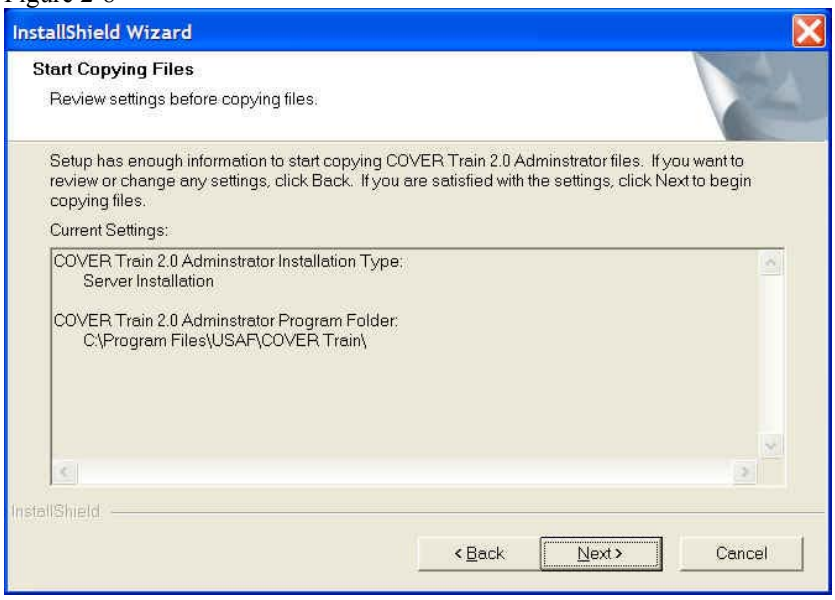
Figure 2-8



2.2.9. Wait while the COVER Train files are installed.

Figure 2-9a

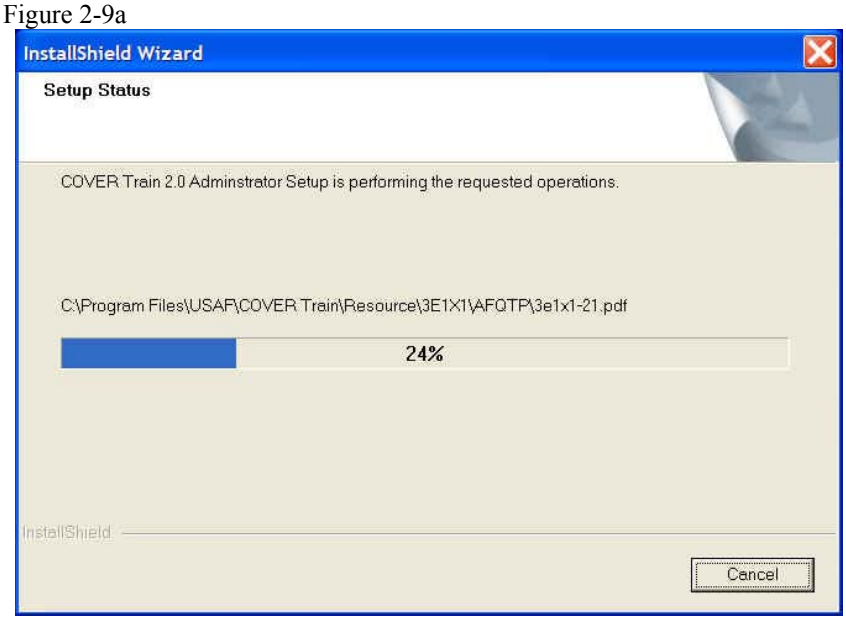
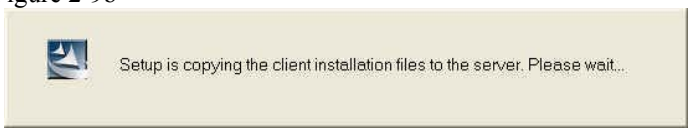
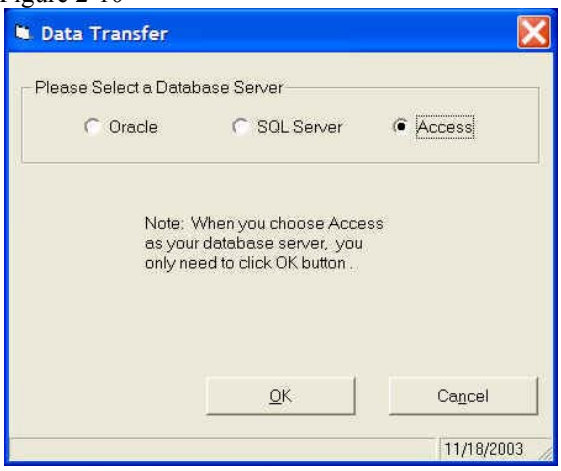


Figure 2-9b



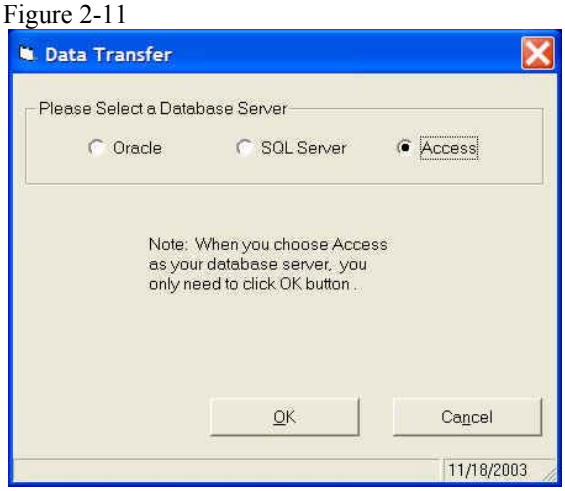
2.2.10. Select the desired database installation type.

Figure 2-10



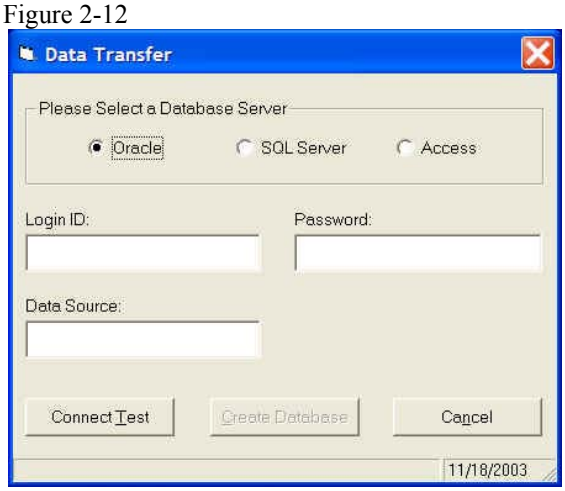
2.2.11. For Microsoft Access 2000 installation: Select Access, then click **Next**.

Figure 2-11



2.2.12. For the Oracle 8i installation: Select Oracle, input the Database Login ID, Password and Data Source, then verify the connection by clicking **Connect Test**. Finally, begin the database installation and data transfer by clicking **Next**.

Figure 2-12

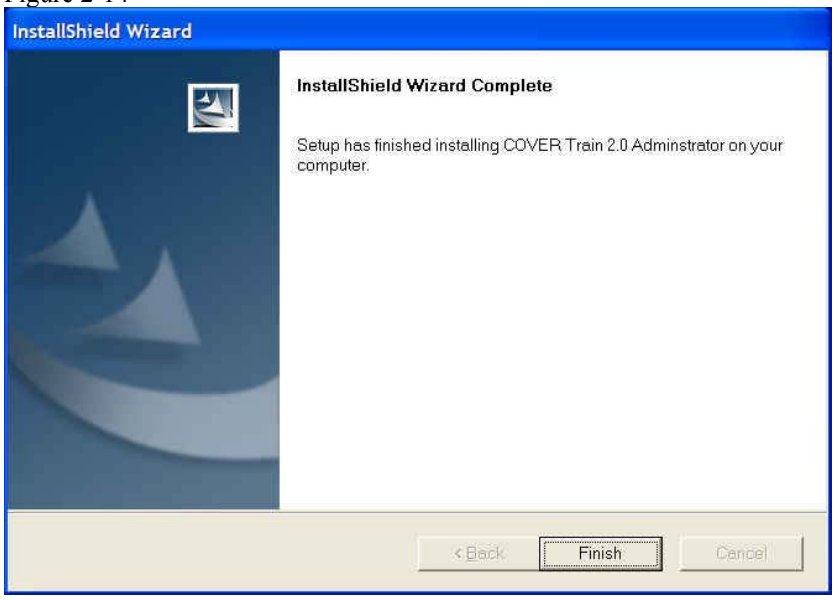


2.2.13. For the SQL Server installation: Select SQL Server, input the Database Login ID, Password, Data Source and Initial Catalog, then verify the connection by clicking **Connect Test**. Finally, begin the database installation and data transfer by clicking **Next**.

Figure 2-13

2.2.14. Finally, click **Finish** to complete the installation.

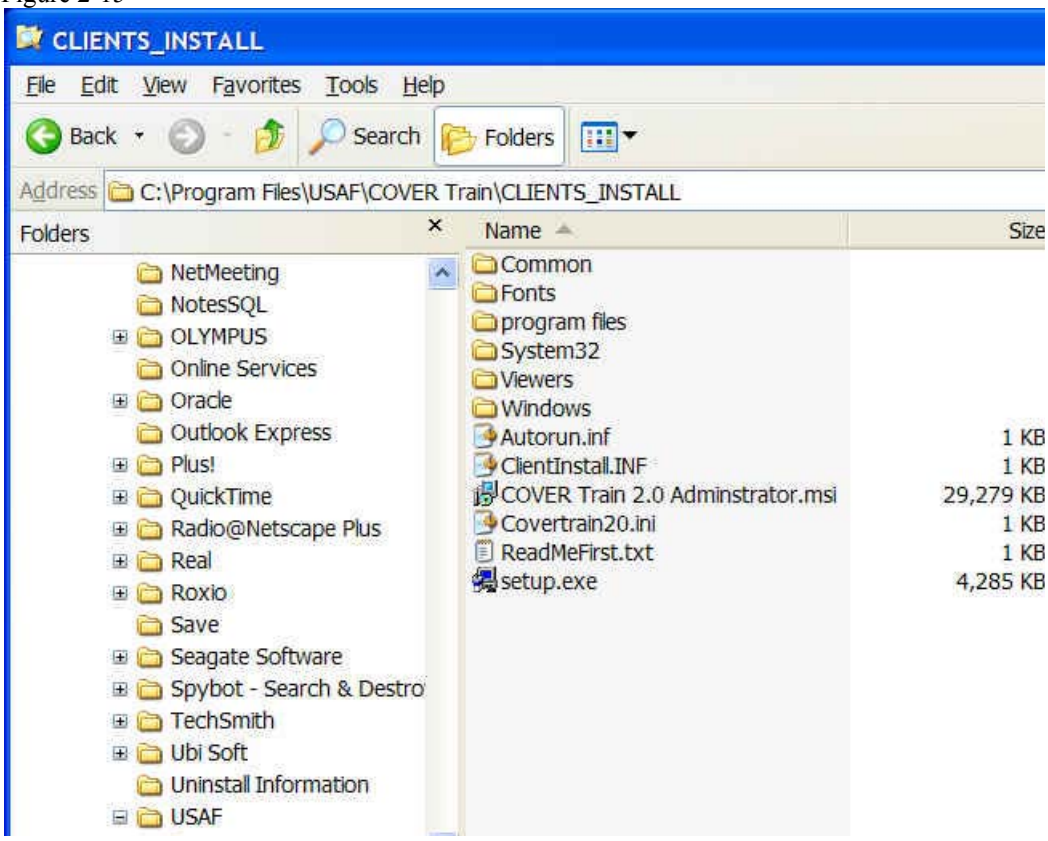
Figure 2-14



2.2.14. **IMPORTANT**: After completing the LAN installation procedure, you must launch COVER Train at least once from the Server install and update the server using the latest patch available at http://www.covertrain.com/

2.2.15. Share the "C:\Program Files\USAF\COVER Train\CLIENTS_INSTALL\" directory to users or client workstations on the LAN to enable access to the client installation files. You can then begin installing COVER Train to client workstations from that directory across the LAN.

Figure 2-15



2.2.16. **IMPORTANT**: Client workstations will still need to run the latest patch available at http://www.covertrain.com/

2.2.17. Chapter 3

Upgrading COVER Train Standalone Clients to LAN

3.1. Server System Requirements

The COVER Train database server configuration for each facility is to be determined at the time of installation based upon availability. The COVER Train LAN installation at a minimum must have Access 2000 (located on a network share) or a database server hosting ORACLE 8i, ORACLE 9i or Microsoft SQL Server 2000. Prior to upgrading the client workstations from standalone to operate on the LAN, you must have completed the LAN installation procedure detailed in Chapter 2.

3.2. Upgrading COVER Train to the LAN

3.2.1. Prior to upgrading the database, backup your data by selecting Backup Database from the File menu, then click **Yes** when prompted to create the backup.

Figure 3-1a

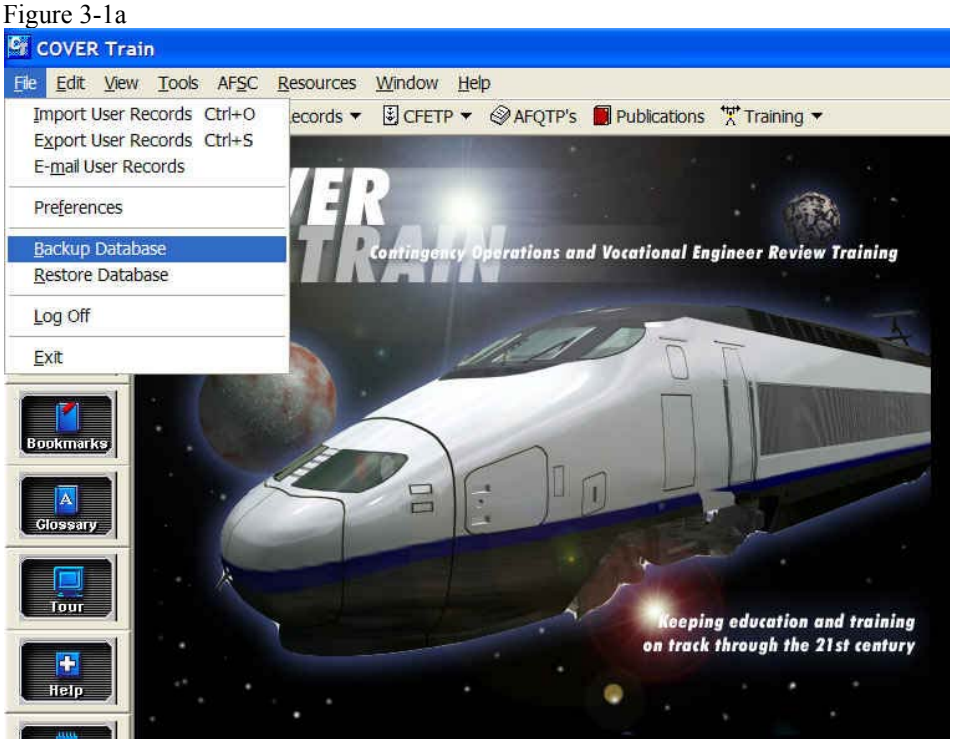
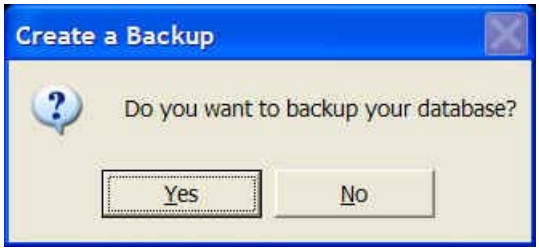


Figure 3-b


Create a Backup
Do you want to backup your database?
Yes
No

3.2.2. To change the database configuration, select File – Preference, then select Run in LAN and click **OK**.

Figure 3-2a

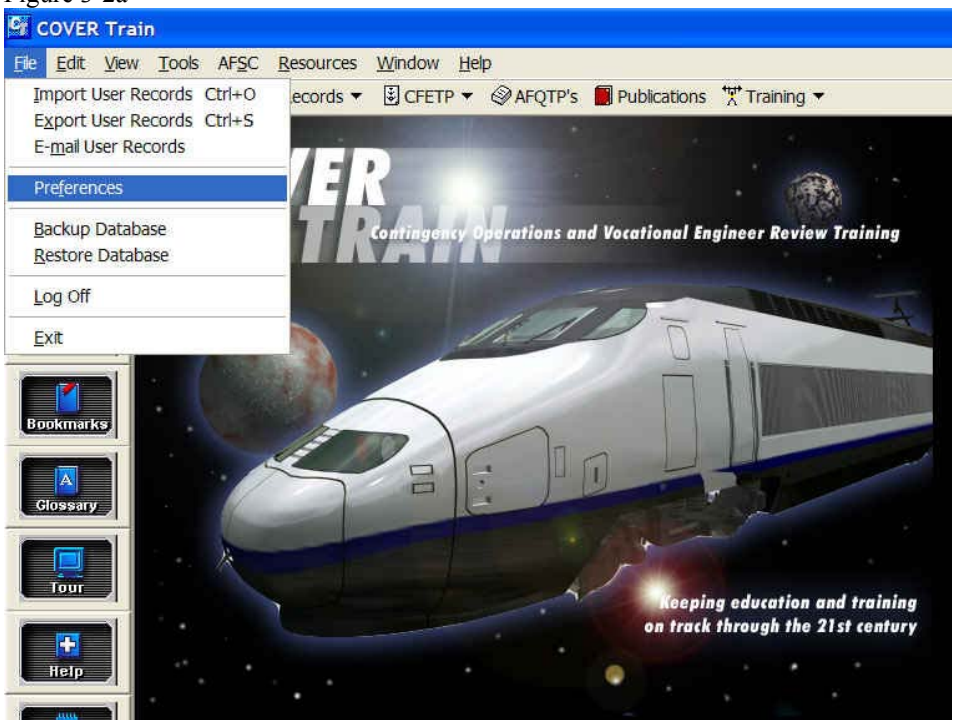
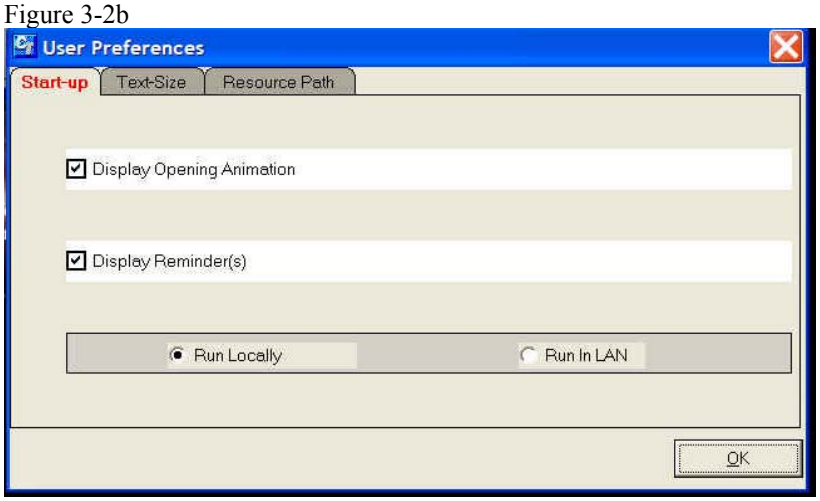
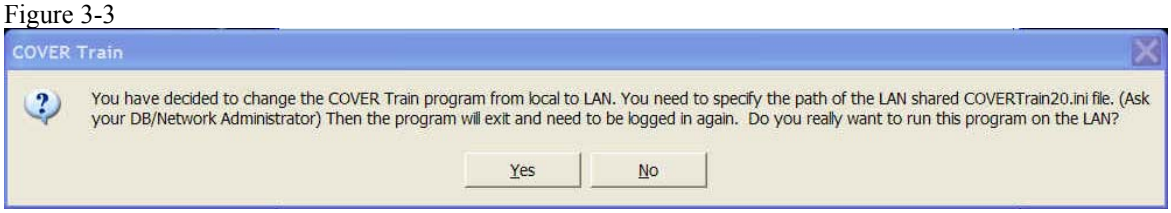


Figure 3-2b



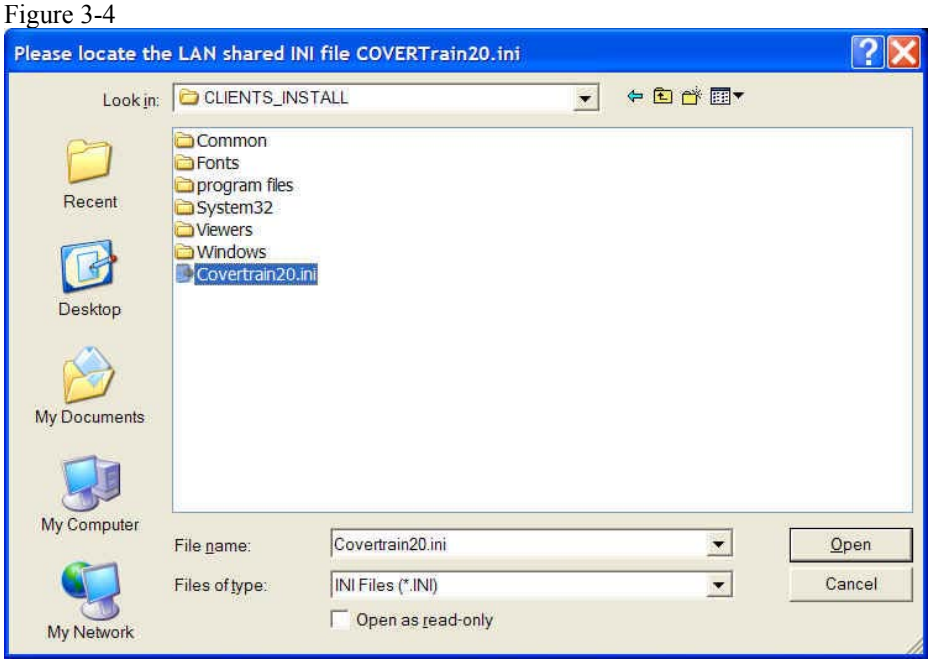
3.2.3. COVER Train will ask you if you are certain that you want to run on the LAN, click **Yes** to proceed.

Figure 3-3



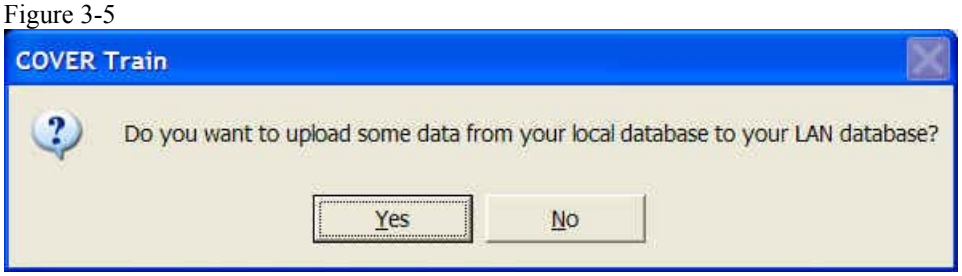
3.2.4. Locate the shared INI file of the LAN install. This should be located at the location where COVER Train was installed during the initial LAN installation performed by a network administrator. Once you have located the file, click **Open** to continue.

Figure 3-4



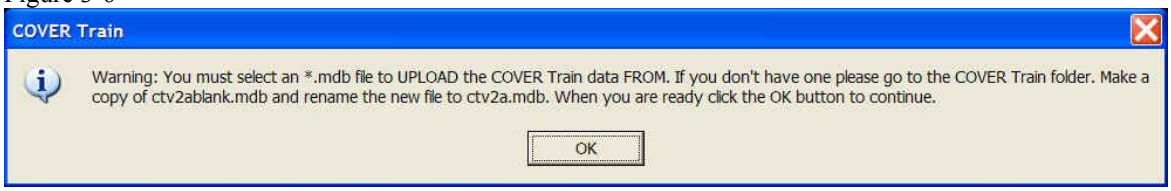
3.2.5. The system will prompt you if you would like to upload information from your local/standalone installation to the LAN, click **Yes** if you want your data uploaded.

Figure 3-5



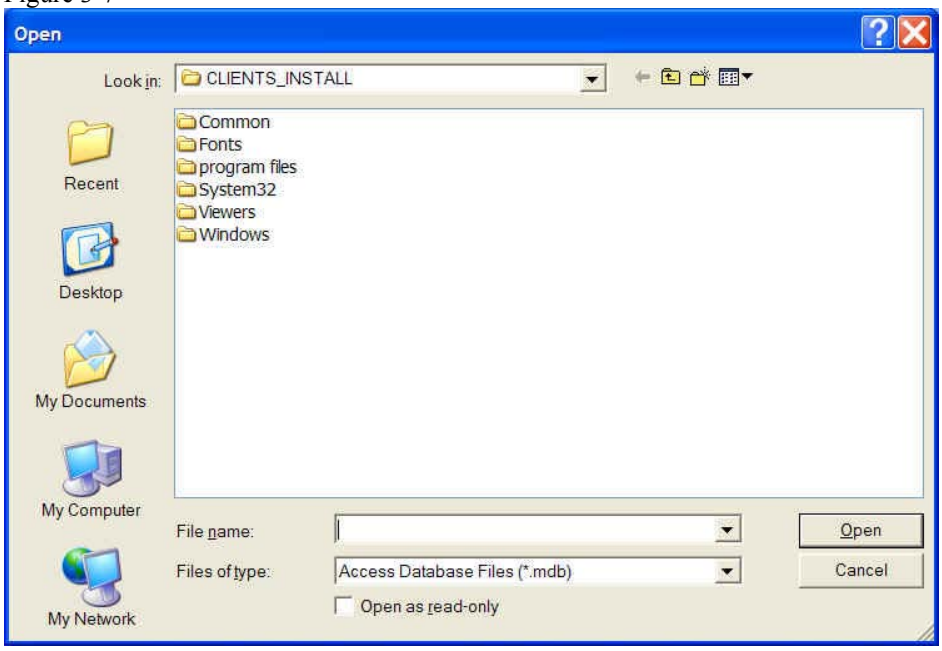
3.2.6. COVER Train will prompt you to select a valid COVER Train database with a .mdb extension.

Figure 3-6



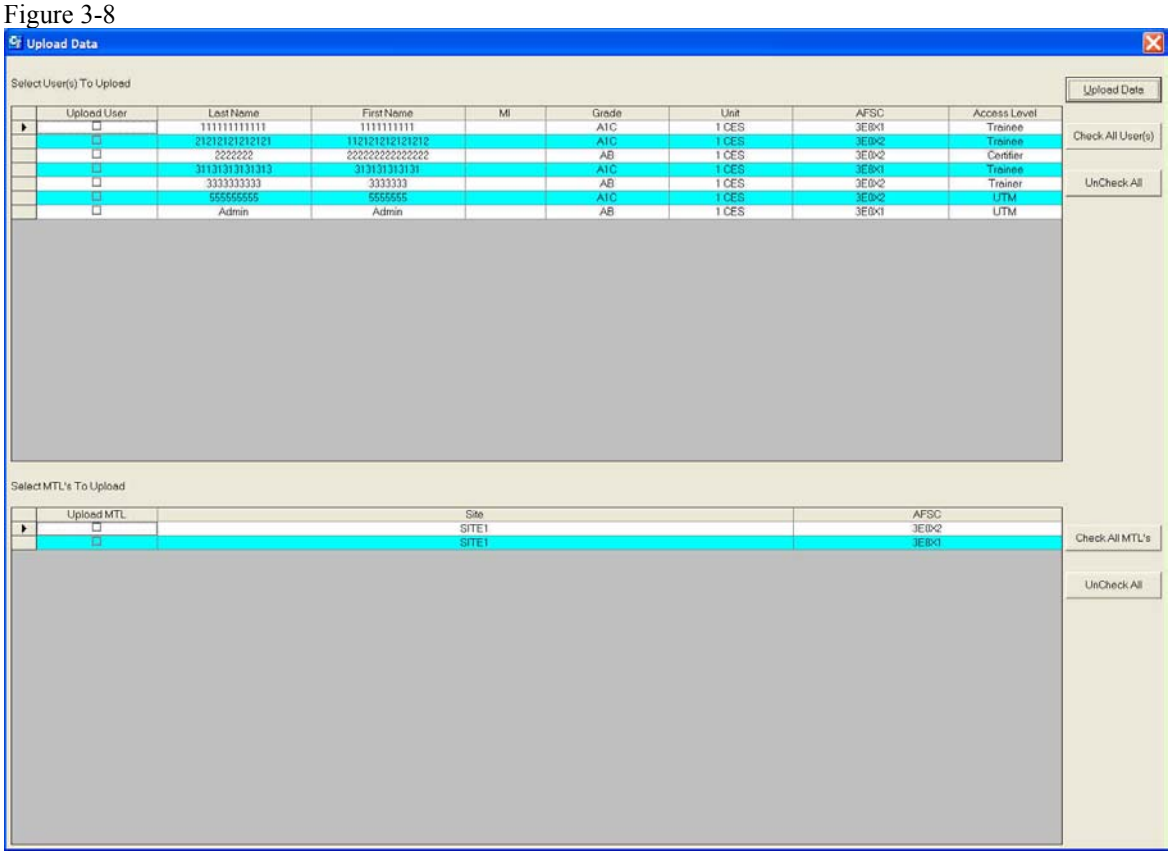
3.2.7. Locate your local database, or a trainee database that you exported, then click **Open**. You can find your local standalone database in the "C:\Program Files\USAF\COVER Train\" folder titled "ctv2a.mdb".

Figure 3-7



3.2.8. Select the trainees that you want to upload to the central LAN install, then click **Upload Data**.

Figure 3-8



3.2.9. You have now completed the upgrade to LAN procedure.